Platform #03 Firmware: CHDL7

Installation Manual (1\2 Pages)

Description: **Chrysler Dodge Jeep Door Lock Alarm Interface (NO KEY REQUIRED)**

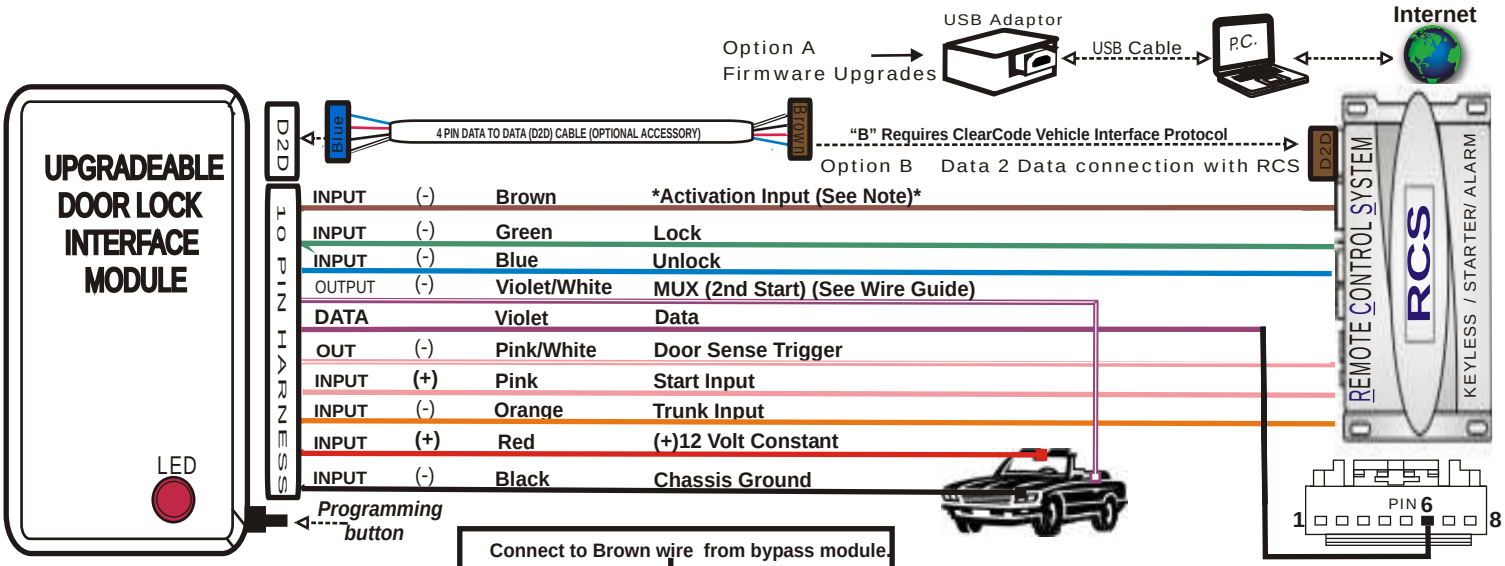
Functions: Data Bus Interface: Lock/Unlock, Trunk/Rear Hatch, OEM Security Arm/Disarm, Starter Enable, Door Sense Trigger

Downloadable Firmware for Platform #03: CHDL7,JDL,CHDL6+,CHDL2, CHDL3, CHDL4

WARNING: Before beginning your install go to www.XpressDownload.com and be sure to print the LATEST corresponding installation manual for the firmware that is flashed to the platform you are using.

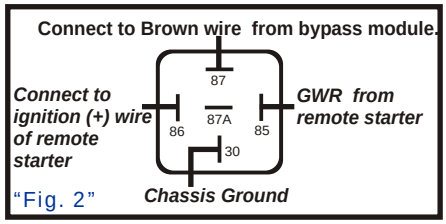
Section A

See Wire Connection Guide for detailed information regarding wire functionality

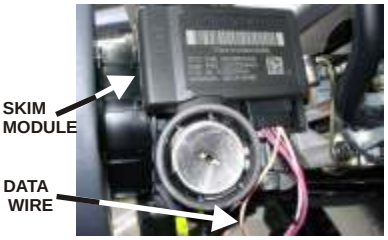


"Fig. 1"

NOTE: If the remote control system does not have an activation output that turns on at exactly the same time as the 1st ignition, then add relay and install as per Fig.2. Most remote systems GWR or (-) 3rd ign. outputs turn on before the main ignition and will cause diagnostic codes.



"Fig. 2"



Section B

WIRE GUIDE: CONNECTIONS

10 PIN HARNESS **Optional D2D VIP: Data to Data Vehicle Interface Protocol will replace specific analogue connections**

PIN#	WIRE COLOR	VEHICLE TYPE	D2D VIP	I/O STATUS	(-) /(+)	Connect Location	SPECIFIC WIRE CONNECTION LOCATION	ACTIVATION and/or FUNCTIONALITY
1	Brown	**N/A**		Input	**(-)**	RCS	Ground When Igition is Activated This wire must activate at the same time as main ignition. **(See Fig.2)**	Factory Alarm Arm/ Disarm
2	Green	**N/A**	D2D	Input	**(-)**	RCS	Lock connects to (-) Lock Output wire of RCS	Lock All Doors
3	Blue	**N/A**	D2D	Input	**(-)**	RCS	Unlock connects to (-) Unlock Output wire of RCS	Unlock All Doors **(See User Settings)**
4	Violet/ White	**N/A**		Output	**(-)**	Vehicle	MUX (Violet/Brown Pin 4 of Ignition Harness)	2nd Start and Accessory (Resistance) Output to Vehicle
5	Violet	**N/A**		Data		Vehicle	White/Orange PIN#6 of 8 PIN SKIM harness in steering column	**(See Fig. 1)**
6	Pink/ White	**N/A**	D2D	Output	**(-)**	RCS	Door Sense Trigger connects to (-) door trigger input wire of RCS	Detects Doors status (open/closed) via data bus then converts to an analogue output (-)
7	Pink	**N/A**		Input	**(+)**	RCS	Start Output - Connection is parallel to the vehicle and remote control system starter wires.	Enables 2nd Start
8	Orange	**N/A**	D2D	Input	**(-)**	RCS	Trunk Output	Trunk/Rear Hatch Release
9	Red	**N/A**	D2D	Input	**(+)**	Vehicle	Constant (+) 12 Volt Source	Power Source
10	Black	**N/A**	D2D	Input	**(-)**	Vehicle	Chassis Ground	Ground Source

Legend ***RCS = Remote Control System*** **N/C = No Connection** **N/A = Not Applicable** **W2W= analogue wire to wire** **D2D= data 2 data**

DATA to DATA PORT (D2D): **Blue connector** of D2D Cable plugs into the upgradeable vehicle interface module.
OPTION A: - D2D Port used to connect to USB Bootloader adaptor & computer to download & flash vehicle interface firmware.
OPTION B: - D2D Port used to connect to the data port of a remote control system equipped with ClearCode **V**ehicle **I**nterface **P**rotocol.
Remote control systems designed with ClearCode VIP can securely communicate via the D2D cable to transmit & receive data commands which initiate specific vehicle function such as doorlocks & immobilizer override and /or request information from the vehicle such as status of entry points (doors) or ambient température, diesel glow plug etc…ClearCode VIP represents the doorway to vehicle integration...

This Interface kit / Data Bus Interface part has been tested on the listed vehicles. Other vehicles will be added to the select vehicle list upon completion of compatibility testing. Visit website for latest vehicle application guide. DISCLAIMER: Under no circumstances shall the manufacturer or the distributors of the bypass kit / data bus interface part(s) be held liable for any consequential damages sustained in connection with the part(s) installation. The manufacturer and it's distributors will not, nor will they authorize any representative or any other individual to assume obligation or liability in relation to the interface kit / data bus interface part(s) other than its replacement. N.B.:Under no circumstances shall the manufacturer and distributors of this product are liable for consequential damages sustained in connection with this product neither assumes nor authorizes any representative or other person to assume for it any obligation or liability other than the replacement of this product only.

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Section C

VEHICLE PROGRAMMING:

1) Connect the module, LED comes **ON** solid.

2) Turn key to **ON** position. LED will turn **OFF**. Module is now programmed.

Section D

USER SETTINGS - OPTIONAL PROGRAMMING:

NOTE: Only MODES 1 & 8 are available.

USER MODES *are identified by a slow LED flash pattern. 1 slow flash=Mode1, 2 slow flashes*=Mode 2 etc.

1) Key **"OFF"** position, **press** and **hold** program button for 2 seconds, LED will flash rapidly for 2 seconds. Release button, LED will identify the MODE selection with a slow flash pattern (1- 8 slow flashes) and then will identify OPTION selection with a fast flash pattern. (1 or 2 fast flashes)

2) To change **MODE**, **push button** one time, LED will confirm **MODE** with slow flash pattern (1-8 slow flashes).

3) To change OPTION SELECTION within a MODE, **press LOCK or UNLOCK** button on the aftermarket remote control system. LED will identify option selection with either one or two fast flashes.

4) To save and exit programming, **press** and **hold button** until LED flashes one time rapidly, showing end of OPTION programming.

**** = Default***

MODE 1 =	***OPTION 1:** 1st pulse unlock all doors (Default)	**OPTION 2:** 1st pulse unlock driver door, 2nd pulse unlock all doors
MODE 8 =	***OPTION 1:** No reset (Default)	**OPTION 2:** Complete reset of option and module